

Patent Abstracts of Japan

BEST AVAILABLE COPY

PUBLICATION NUMBER : 04255497
 PUBLICATION DATE : 10-09-92

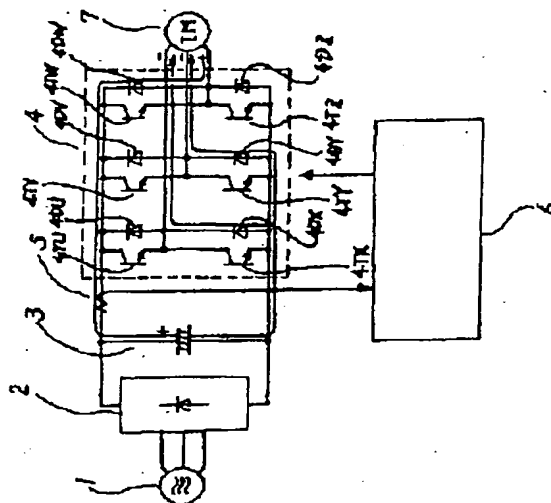
APPLICATION DATE : 04-02-91
 APPLICATION NUMBER : 03013278

APPLICANT : TOSHIBA CORP;

INVENTOR : MORITA MAKOTO;

INT.CL. : H02P 7/63 G05F 1/10 H02M 7/48

TITLE : VOLTAGE TYPE INVERTER



ABSTRACT : **PURPOSE:** To provide a voltage type inverter of a DC line current detecting system which can prevent the occurrence of a fault even when a driving motor is restarted in a zero-frequency state while the motor rotates.

CONSTITUTION: A means which outputs a full-phase 'off' signal to an inverter device for an arbitrary period at arbitrary time is provided. When a motor is restarted in a zero-frequency state while a motor rotates at a low speed, the output of the inverter device becomes a zero-vector output and a circulating current flows due to short circuit, but an overcurrent can be detected, since the circulating current is made to flow to the current detector 5 of a DC line by means of the full-phase 'off' signal.

COPYRIGHT: (C)1992,JPO&Japio